

~~SECRET~~



25X1

Copy 19

31 May 1963

## AGENDA

### PURCELL PANEL MEETING

4 - 5 June 1963

MEMBERS : Dr. Edward Purcell - Chairman  
Dr. James Baker  
Dr. Allen Donovan  
Dr. Eugene Fubini  
Dr. Richard Garwin  
Dr. Edwin Land  
Dr. Donald Ling  
Dr. Arthur Lundahl  
Dr. Henry Yutzy - Consultant  
Mr. Eugene Kiefer - CIA Staff Support  
Mr. John McMahon - Executive Secretary

CONTRACTORS : Convair, Eastman-Kodak, Itek

4 June  
0930

INTRODUCTION: Mr. John A. McCone, Director of Central Intelligence

#### I. Briefings

A. Intelligence Requirements for Photographic Interpretation  
(Mr. James Reber - Chrm., Committee on Overhead  
Reconnaissance, United States Intelligence Board/Arthur C.  
Lundahl - Director, National Photographic Interpretation  
Center)

B. Satellites - Existing systems, systems now programed, and  
follow-on systems

*evaluation of results - SPDL - ask Itek.*

NRO review(s) completed.

~~SECRET~~

25X1

~~SECRET~~

25X1

1030-1230

(1) Itek Corporation

- (a) CORONA M/J
- (b) LANYARD
- (c) L'
- (d) M2
- (e) 240 inch
- (f) Other

1230 - 1330 Lunch

1330 - 1515

(2) Eastman-Kodak

- (a)
- (b)
- (c)
- (d) Other

25X1

1515 - 1530

(3) Future Special Satellite Systems [redacted] and  
- CIA)

25X1

- (a) Requirements for System
- (b) Requirements of System
- (c) Prior studies
- (d) Development Plan

1530 - 1700

(4) SSD - Captain Gorman, USN

- (a) Advanced Systems (Research program)
- (b) Direct Read-out System

Evening Panel Session following dinner

5 June

C.

0930 - 1030  
1030 - 1130  
1130 - 1230

25X1

~~SECRET~~

D. Aircraft

- (1) A-12 and AQ-12 (Drone) - Mr. Kiefer

II. Considerations for Panel Recommendations

A. Adequacy of current and proposed satellite systems

B. Research Areas

- (1) Satellite systems (guidance)
- (2) Cameras
- (3) Spectral response
- (4) All weather capability
- (5) Laser technology and applications
- (6) Improved film emulsions
- (7) Other recording media
- (8) Use of image intensifiers

C. Feasibility of direct read-out and anticipated resolution

D. Stabilization of satellites

E. Present and future vulnerability and measures which can be taken to protect satellites - *Baird proposal*

F. Effects of nuclear testing upon satellites

III. Questions to which the Panel should immediately address itself

- A. Will the improved photographic satellites now programmed produce reconnaissance photography adequate to meet our needs?
- B. What further developments in satellite photography are considered feasible and should be undertaken in the interests of developing a system which would be an

~~SECRET~~

25X1

25X1  
NR

improvement over  LANYARD   
 and very possibly would equal or exceed  
the resolution attained in U-2 photography?

25X1

C.

25X1

- D. What are the applications of A-12 drones, what quality photography is expected from them, and would their operating characteristics be such as to provide useful coverage in areas important to the security of the United States?

~~SECRET~~

25X1

Approved For Release 2004/05/21 : CIA-RDP71B00822R000100140008-5

Approved For Release 2004/05/21 : CIA-RDP71B00822R000100140008-5